



2000 Toxics Release Inventory

DELAWARE

Reported Releases and Waste Management Activities (in pounds)

	Original Industry	New Industry	Total
On-site Releases	4,708,410	5,069,298	9,777,708
Air Emissions	3,155,793	4,650,145	7,805,938
Surface Water Discharges	828,150	38,163	866,313
Underground Injection Class I Wells	0	0	0
Underground Injection Class II-V Wells	0	0	0
On-site Land Releases to RCRA Subtitle C Landfills	0	0	0
Other On-site Land Releases	724,467	380,990	1,105,457
Off-site Releases (Transfers Off-site to Disposal)*	3,532,143	291,155	3,823,298
Total On- and Off-site Releases	8,240,553	5,360,453	13,601,006
Recycled On-site	31,188,694	0	31,188,694
Recycled Off-site	8,457,340	36,525	8,493,865
Energy Recovery On-site	29,095,755	0	29,095,755
Energy Recovery Off-site	2,539,369	0	2,539,369
Treated On-site	63,833,520	571,359	64,404,879
Treated Off-site**	3,073,792	0	3,073,792
Quantity Released On- and Off-site***	8,451,631	5,361,875	13,813,506
Total Production-related Waste Managed	146,640,101	5,969,759	152,609,860
Non-production-related Waste Managed	39,763	1	39,764

Transfers Off-site for Further Waste Management/Disposal

Recycling	8,170,019	36,525	8,206,544
Energy Recovery	2,827,677	0	2,827,677
Treatment	906,007	1,169	907,176
Publicly Owned Treatment Works (POTWs)	2,199,739	73	2,199,812
Metals and Metal Compounds*	9,635	73	9,708
Non-metal TRI Chemicals**	2,190,104	0	2,190,104
Other Off-site Transfers****	0	0	0
Transfers Off-site to Disposal (not including metals to POTWs)	3,524,039	291,082	3,815,121
Total Transfers Off-site for Further Waste Management/Disposal	17,627,480	328,849	17,956,329

* Transfers to POTWs of metals and metal compounds are included in off-site releases. Excludes transfer amounts sent for disposal to other TRI facilities reporting that amount released on-site.

** Transfers to POTWs of non-metals are included in treated off-site waste management activity.

*** Excludes non-production-related releases; e.g. releases due to catastrophic events or remedial actions.

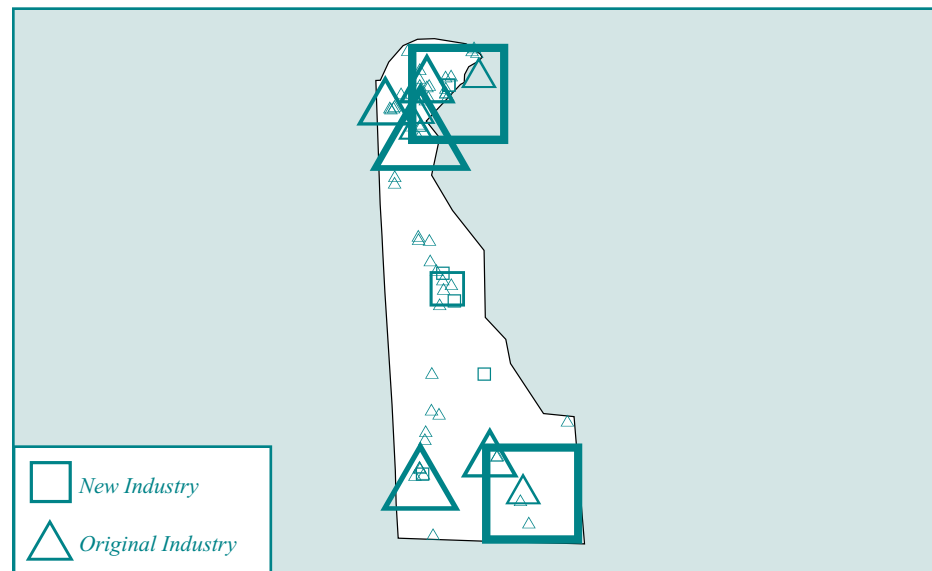
**** Transfers reported without a valid waste management code.

For More Information . . .

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The largest marker in the state map represents the largest facility for on-site releases in the state of Delaware. All markers are proportionally-sized to represent the on-site releases at each facility within this state.

State/TRI Data

Population	786,234
Square Miles	1,955
Total Facilities	75
Total Forms	360
Form As	61

	Original Industry	New Industry	Total
National Rank for Total On- and Off-site Releases*			
Rank	38	44	43
Pounds	8,240,553	5,360,453	13,601,006
National Rank for Total On-site Releases**			
Rank	41	43	44
Pounds	4,708,410	5,069,298	9,777,708
National Rank for Total Releases within State***			
Rank	38	44	43
Pounds	8,236,090	5,159,042	13,395,132
National Rank for Production-related Waste Managed			
Rank	31	45	36
Pounds	146,640,101	5,969,759	152,609,860

* Includes transfers out-of-state for disposal. Excludes transfer amounts sent for disposal to other TRI facilities reporting that amount released on-site.

** Includes amounts released at the facility. Excludes amounts transferred to other sites.

*** Excludes transfers for disposal sent out-of-state or sent to other TRI facilities within the state reporting that amount released on-site.



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DELAWARE

On-site and Off-site Releases for Top Five Chemicals Ranked on Total Releases in the State (All Chemicals)

CAS Number	Chemical	On-site Releases				Off-site Releases	Total Releases in the State**	Off-site Transfers to Disposal		
		Air Emissions Pounds	Surface Water Discharges Pounds	Underground Injection Pounds	On-site Releases to Land Pounds	Transfers Off-site to Disposal* Pounds		Transferred Into State Pounds	Transferred Within State Pounds	Transferred Out of State Pounds
7647-01-0	Hydrochloric acid	4,270,982	0	0	0	0	4,270,982	0	0	0
—	Manganese compounds	4,128	42,868	0	37,681	3,097,675	3,182,352	5	3,078,335	19,340
7664-93-9	Sulfuric acid	1,001,635	0	0	0	0	1,001,635	0	0	0
—	Nitrate compounds	0	753,368	0	210	0	753,578	0	0	0
—	Vanadium compounds	12,938	1,530	0	603,129	103,179	720,776	3,107	65,266	37,913

* Excludes amounts transferred to other TRI facilities in the state reporting that amount released on-site.

** The chemical ranking is based on the amounts in this column.

On-site and Off-site Releases for PBT Chemicals Ranked on Total Releases in the State

CAS Number	Chemical	On-site Releases				Off-site Releases	Total Releases in the State**	Off-site Transfers to Disposal		
		Air Emissions Pounds	Surface Water Discharges Pounds	Underground Injection Pounds	On-site Releases to Land Pounds	Transfers Off-site to Disposal* Pounds		Transferred Into State Pounds	Transferred Within State Pounds	Transferred Out of State Pounds
—	Mercury compounds	476.50	0.20	0.00	1,932.40	265.56	2,674.66	63.90	20.33	245.23
7439-97-6	Mercury	1,076.00	21.00	0.00	0.00	1,281.00	2,378.00	0.20	0.00	1,281.00
118-74-1	Hexachlorobenzene	0.00	46.10	0.00	0.00	1,159.00	1,205.10	0.00	1,159.00	0.00
—	Polycyclic aromatic compounds	555.91	6.70	0.00	0.30	2.00	564.91	0.00	2.00	0.00
29082-74-4	Octachlorostyrene	0.00	0.00	0.00	0.00	436.90	436.90	0.00	436.90	0.00
608-93-5	Pentachlorobenzene	2.10	12.40	0.00	0.00	348.00	362.50	0.00	348.00	0.00
1336-36-3	Polychlorinated biphenyls (PCBs)	0.00	0.20	0.00	0.00	188.30	188.50	0.00	188.30	0.00
—	Dioxin and dioxin-like compounds	0.01	0.03	0.00	0.00	85.25	85.29	0.00	85.25	0.00
—	<i>Dioxin and dioxin-like compounds (in grams)</i>	<i>4.958</i>	<i>13.990</i>	<i>0.000</i>	<i>1.140</i>	<i>38,662.358</i>	<i>38,682.446</i>	<i>0.000</i>	<i>38,662.000</i>	<i>0.358</i>
191-24-2	Benzo(g,h,i)perylene	0.80	10.00	0.00	0.00	0.00	10.80	0.00	0.00	0.00
79-94-7	Tetrabromobisphenol A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
309-00-2	Aldrin	—***	—	—	—	—	—	—	—	—
57-74-9	Chlordane	—***	—	—	—	—	—	—	—	—
76-44-8	Heptachlor	—***	—	—	—	—	—	—	—	—
465-73-6	Isodrin	—***	—	—	—	—	—	—	—	—
72-43-5	Methoxychlor	—***	—	—	—	—	—	—	—	—
40487-42-1	Pendimethalin	—***	—	—	—	—	—	—	—	—
8001-35-2	Toxaphene	—***	—	—	—	—	—	—	—	—
1582-09-8	Trifluralin	—***	—	—	—	—	—	—	—	—

* Excludes amounts transferred to other TRI facilities in the state reporting that amount released on-site.

** The chemical ranking is based on the amounts in this column.

*** No reports were submitted for these chemicals.



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On-site and Off-site Releases for Top Ten Facilities Ranked on Total On-site Releases in the State (All Chemicals)

Facility, City, County	On-site Releases						Total On-site Releases* Pounds	Off-site Releases	
	Underground Injection				On-site Releases to Land			(Transfers Off-site to Disposal)	
	Air Emissions Pounds	Surface Water Discharges Pounds	Class I Wells Pounds	Class II-V Wells Pounds	RCRA Subtitle C Landfills Pounds	Other On-site Land Releases Pounds		Transferred Within State Pounds	Transferred Out of State Pounds
Indian River Power Plant, Millsboro, Sussex	2,647,969	14,796	0	0	0	380,990	3,043,755	1,151	4,133
Conectiv Edge Moor/Hay Road Power Plants, Wilmington, New Castle	1,845,441	23,137	0	0	0	0	1,868,578	81,571	204,300
Motiva Enterprises L.L.C., Delaware City, New Castle	1,007,060	25,630	0	0	0	723,064	1,755,753	0	979
Du Pont Seaford Plant, Seaford, Sussex	373,422	427,600	0	0	0	258	801,280	0	0
DaimlerChrysler Co. Newark Assembly Plant, Newark, New Castle	483,604	0	0	0	0	0	483,604	12,021	11
Georgetown Processing Plant Facility #17, Georgetown, Sussex	0	326,808	0	0	0	210	327,018	0	0
GMC Nao Wilmington Assembly Plant, Wilmington, New Castle	278,115	0	0	0	0	0	278,115	120	1,763
Du Pont Edge Moor, Edgemoor, New Castle	199,289	29,300	0	0	0	0	228,589	3,467,214	0
NRG Energy Center Dover, Dover, Kent	152,979	0	0	0	0	0	152,979	0	0
Formosa Plastics Corp., Delaware City, New Castle	134,526	0	0	0	0	0	134,526	0	0

* The facility ranking is based on the amounts in this column; these quantities exclude transfers out of state.

On-site and Off-site Releases for Top Ten Facilities Ranked on Total On-site Releases in the State (PBT Chemicals)

Facility, City, County	On-site Releases						Total On-site Releases* Pounds	Off-site Releases	
	Underground Injection				On-site Releases to Land			(Transfers Off-site to Disposal)	
	Air Emissions Pounds	Surface Water Discharges Pounds	Class I Wells Pounds	Class II-V Wells Pounds	RCRA Subtitle C Landfills Pounds	Other On-site Land Releases Pounds		Transferred Within State Pounds	Transferred Out of State Pounds
Indian River Power Plant, Millsboro, Sussex	318.00	0.00	0.00	0.00	0.00	1,914.00	2,232.00	0.00	1.00
Occidental Chemical Corp., New Castle, New Castle	1,076.00	21.00	0.00	0.00	0.00	0.00	1,097.00	0.00	1,281.00
Vlasic Foods Intl., Millsboro, Sussex	418.51	0.00	0.00	0.00	0.00	0.00	418.51	0.00	0.00
Conectiv Edge Moor/Hay Road Power Plants, Wilmington, New Castle	178.10	0.00	0.00	0.00	0.00	0.00	178.10	18.00	219.00
Du Pont Edge Moor, Edgemoor, New Castle	0.00	53.63	0.00	0.00	0.00	0.00	53.63	2,217.45	0.00
Motiva Enterprises L.L.C., Delaware City, New Castle	26.01	16.90	0.00	0.00	0.00	0.50	43.41	0.00	0.70
Du Pont Seaford Plant, Seaford, Sussex	21.60	0.00	0.00	0.00	0.00	18.20	39.80	0.00	0.00
NRG Energy Center Dover, Dover, Kent	36.00	0.00	0.00	0.00	0.00	0.00	36.00	0.00	0.00
Citisteel USA Inc., Claymont, New Castle	33.00	0.00	0.00	0.00	0.00	0.00	33.00	0.00	0.00
Metachem Prods. L.L.C., New Castle, New Castle	2.10	5.10	0.00	0.00	0.00	0.00	7.20	0.00	0.00

* The facility ranking is based on the amounts in this column; these quantities exclude transfers out of state.



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Total Production-related Waste for Top Ten Facilities Ranked on Quantity Released On- and Off-site (All Chemicals)

Facility, City, County	Recycled On-site Pounds	Recycled Off-site Pounds	Energy Recovery On-site Pounds	Energy Recovery Off-site Pounds	Treated On-site Pounds	Treated Off-site Pounds	Quantity Released On- and Off-site* Pounds	Total Production-related Waste Managed Pounds	Total Non-Production-related Waste Managed Pounds
Du Pont Edge Moor, Edgemoor, New Castle	0	0	0	0	37,208,000	0	3,695,803	40,903,803	0
Indian River Power Plant, Millsboro, Sussex	0	1	0	0	424,799	0	3,050,459	3,475,259	1
Conectiv Edge Moor/Hay Road Power Plants, Wilmington, New Castle	0	36,524	0	0	146,560	0	2,154,451	2,337,535	0
Motiva Enterprises L.L.C., Delaware City, New Castle	0	77,000	26,876,413	531	17,988,750	1,106	1,756,989	46,700,789	0
Du Pont Seaford Plant, Seaford, Sussex	0	0	0	0	426,000	1,040	801,280	1,228,320	0
DaimlerChrysler Co. Newark Assembly Plant, Newark, New Castle	0	213,961	0	5,857	61,500	184,460	498,480	964,258	0
Georgetown Processing Plant Facility #17, Georgetown, Sussex	0	0	0	0	0	0	327,018	327,018	0
GMC Nao Wilmington Assembly Plant, Wilmington, New Castle	0	285,000	0	48,916	73,200	68,841	277,885	753,842	0
Vlasic Foods Intl., Millsboro, Sussex	0	0	534	0	0	0	214,418	214,952	0
NRG Energy Center Dover, Dover, Kent	0	0	0	0	0	0	152,979	152,979	0

* The facility ranking is based on the amounts in this column; these quantities exclude non-production-related releases.

Total Production-related Waste for Top Ten Facilities Ranked on Quantity Released On- and Off-site (PBT Chemicals)

Facility, City, County	Recycled On-site Pounds	Recycled Off-site Pounds	Energy Recovery On-site Pounds	Energy Recovery Off-site Pounds	Treated On-site Pounds	Treated Off-site Pounds	Quantity Released On- and Off-site* Pounds	Total Production-related Waste Managed Pounds	Total Non-Production-related Waste Managed Pounds
Vlasic Foods Intl., Millsboro, Sussex	0	0	534	0	0	0	214,418	214,952	0
Occidental Chemical Corp., New Castle, New Castle	7,880	0	0	0	0	0	2,378	10,258	0
Du Pont Edge Moor, Edgemoor, New Castle	0	0	0	0	0	0	2,271	2,271	0
Indian River Power Plant, Millsboro, Sussex	0	1	0	0	0	0	2,232	2,233	1
Conectiv Edge Moor/Hay Road Power Plants, Wilmington, New Castle	0	0	0	0	0	0	415	415	0
Iko Production Inc., Wilmington, New Castle	0	64	0	0	0	0	64	128	0
Citisteel USA Inc., Claymont, New Castle	0	0	0	0	0	0	61	61	0
Motiva Enterprises L.L.C., Delaware City, New Castle	0	0	371	0	1,700	0	44	2,115	0
Du Pont Seaford Plant, Seaford, Sussex	0	0	0	0	0	0	40	40	0
NRG Energy Center Dover, Dover, Kent	0	0	0	0	0	0	36	36	0

* The facility ranking is based on the amounts in this column; these quantities exclude non-production-related releases.